

# BLM15HB221SN1#

Note: This datasheet may be out of date.

Please download the latest datasheet of BLM15HB221SN1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=BLM15HB221SN1%23

"#"at the end indicates the package specification code.







< List of part numbers with package codes >

BLM15HB221SN1B

BLM15HB221SN1D

BLM15HB221SN1J



## **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment,Medical	
	equipment [GHTF A/B/C] except for	
	implant & surgery & auto injector,	
	Industrial equipment except for	
	transportation & facility & energy	
	equipment	
Specific	Please refer to Our Website and	
Applications	specifications, etc. for information about	
	the performance, functions, quality,	
	management, and safety required for	
	the above applications, and use	
	Products after confirming the	
	performance and reliability of the actual	
	Product.	
Recommended	Consumer equipment	
Applications		



## Appearance & Shape













## Packaging Information

		Standard
Packaging	Specifications	Packing
		Quantity
В	Bulk(Bag)	1000
D	180mm Paper Tape	10000
J	330mm Paper Tape	50000



### **Features**

- 1. Small size: 1.0x0.5mm
- 2. Suitable for noise suppression in 1GHz or higher frequency
- 3. No Lead production using Ni+Sn plating in termination

### **Applications**

- 1. EMI suppression for Note PC and DSC
- 2. Noise suppression for data line in mobile phone
- 3. Noise suppression for USB interface line in mobile phone
- 4. Prevention of erroneous operation caused by local oscillation signal in mobile phone

1 of 3

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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## **Specifications**

Shape	SMD
Size Code (in inch)	0402
Length	1.0mm
Length Tolerance	±0.05mm
Width	0.5mm
Width Tolerance	±0.05mm
Thickness	0.5mm
Thickness Tolerance	±0.05mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.001g
Number of Circuit	1
Rated Current (at 85°C)	250mA
Rated Current (at 125°C)	250mA
DC Resistance(max.)	1Ω
Impedance (at 100MHz)	220Ω
Impedance (at 100MHz) Tolerance	±25%
Impedance (at 1GHz)	900Ω
Impedance (at 1GHz) Tolerance	±40%
Size Code (in mm)	1005

2 of 3

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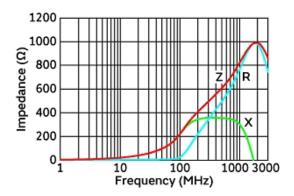
Note: This datasheet may be out of date.

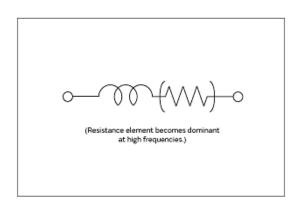
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Impedance-Frequency Characteristics

**Equivalent Circuit** 

3 of 3

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